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Regulatory Affairs – NAFTA

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**EPA Company Number:**    67979

**Subject:**        Registration Application for the Plant Incorporated Protectant *Bacillus thuringiensis* VIP3A Insect Control Protein as Expressed in Event COT102 Derived Cotton Plants

<b><i>Volum e</i></b>	<b>Study Title</b>	<b>MRID</b>
1	Registration Application Administrative Materials	N/A
2	Quantification of VIP3A and APH4 Protein in Cotton Tissues and Whole Plants Derived from Transformation Event "COT102"	
3	Molecular Characterization and Genetic Stability of Event COT102	
4	Analysis of Processed COT102 Cottonseed Products For Yield and Presence of Gossypol and VIP3A Protein	
5	Summary of Mammalian Safety Data for the VIP3A and APH4 Proteins Produced by Transgenic VIP3A Cotton Event COT102; Supplement to MRID No. 45766502	
6	In Vitro Digestibility of VIP3A Protein Under Simulated Mammalian Gastric Conditions	
7	In Vitro Digestibility of APH4 Protein Under Simulated Mammalian Gastric Conditions	
8	APH4-0102: Acute Oral Toxicity of APH4 Protein in the Mouse	
9	Environmental Safety Assessment of <i>Bacillus thuringiensis</i> VIP3A Protein and VIP3A Cotton Event COT102 to Non-Target Organisms	
10	VIP3A Inbred Maize (Corn) Pollen: Toxicity to Green Lacewing ( <i>Chrysoperla carnea</i> )	
11	Evaluation of the Dietary Effect(s) of Transgenic VIP3A Maize (Corn) Pollen (Sample PHOPACHA-0199) on Honeybee Development	
12	Impact of VIP3A AND CRY1Ab Transgenic Maize (Corn) Leaf Tissue (Samples LLPACHA-0100, LLBt11-0100, AND LLPACHABt11-0100) on 28-Day Survival and Reproduction of Collembola ( <i>Folsomia candida</i> )	
13	Biological Activity of VIP3A Maize (Corn) Leaf Protein (Sample LPPACHA-0199) in Various Soils	
14	Characterization of VIP3A Protein Produced in COT102-Derived Cotton and Comparison with VIP3A Protein Expressed in Both Maize (Corn) Derived From Event PACHA and Recombinant <i>Escherichia coli</i>	
15	Impact of Transgenic Lepidopteran-Resistant VIP3A Field Corn (Maize) on Honey Bee Colonies in a Semi-field Setting	
16	<b>Insect Resistance Management Considerations for Event COT102 Cotton</b>	
17	Summary of Data on VIP3A and APH4 Protein Levels in Event COT102 Cotton Plants and the Environmental Fate of VIP3A Protein	